



FIGURE 1

| Organism | Amino Acid Sequence Flanking the Histidine that is the Iron Ligand | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|------------------|
| 1. <i>E. nidulans</i> | . . . | D | G | T | K | L | S | F | E | W | H | E | D | V | S | L | I | T | V | L | Y | Q | . . . | (a.a. 205 - 225) |
| 2. <i>P. chrysogenum</i> | . . . | D | G | T | K | L | S | F | E | W | H | E | D | V | S | L | I | T | V | L | Y | Q | . . . | (a.a. 205 - 225) |
| 3. <i>A. chrysogenum</i> | . . . | D | G | T | K | L | S | F | E | W | H | E | D | V | S | L | I | T | V | L | Y | Q | . . . | (a.a. 207 - 227) |
| 4. <i>S. clavuligerus</i> | . . . | D | G | Q | L | L | S | F | E | D | H | L | D | V | S | M | I | T | V | L | F | Q | . . . | (a.a. 203 - 223) |
| 5. <i>S. cattleya</i> | . . . | D | G | T | R | L | S | F | E | D | H | L | D | V | S | M | I | T | V | L | S | E | . . . | (a.a. 204 - 224) |
| 6. <i>S. anulatus</i> | . . . | D | G | T | R | L | S | F | E | D | H | L | D | V | S | M | I | T | V | L | F | Q | . . . | (a.a. 207 - 227) |
| Consensus | | D | G | - | - | L | S | F | E | - | H | - | D | V | S | - | I | T | V | L | - | - | | |

FIGURE 2